

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B5/15 A61B5/155

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 575 795 A (ANDERSON SANFORD J) 19 November 1996 (1996-11-19) the whole document	1
Y	WO 02/058556 A (UNGER PETER ; P U MED KONSULT (SE)) 1 August 2002 (2002-08-01) page 4, line 2 - line 4; figures 1-13	2
Y	EP 0 469 515 A (KAWASUMI LAB INC) 5 February 1992 (1992-02-05) column 3, line 26 - line 35 column 4, line 8 - line 48; claim 1; figures 1-5	3-6,9
A		7
Y	US 2 572 314 A (BUTLER WILLIAM F) 23 October 1951 (1951-10-23) column 2, line 23 - line 28 column 3, line 27 - line 31; figures 1-3	7,8
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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X document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search

11 April 2005

Date of mailing of the international search report

29/04/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 287 265 B1 (GLEASON CINDY L) 11 September 2001 (2001-09-11) column 6, line 35 - line 38; figures 1-11	10
Y	US 5 097 842 A (BONN GINA B) 24 March 1992 (1992-03-24) the whole document	1,7,9
Y	US 5 078 704 A (WEJNAR SIEGFRIED) 7 January 1992 (1992-01-07) column 1, line 56 - line 59 column 3, line 12 - line 25; figures 1,2	1,7,9
A	US 5 879 318 A (MEIJER ELSE JOHANNA ET AL) 9 March 1999 (1999-03-09) the whole document	7-10
A	US 5 059 168 A (STONE JOSEPH J) 22 October 1991 (1991-10-22) the whole document	8
A	US 6 179 819 B1 (HASWELL JOHN N) 30 January 2001 (2001-01-30)	10
A	column 8, line 19 - line 48; figures 1-5	10
A	US 5 915 384 A (EDER JEROME M ET AL) 29 June 1999 (1999-06-29) abstract; figure 9	1

Information on patent family members

International Application No
PCT/FR2004/050542

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 5575795	A 19-11-1996	US	5372581 A	13-12-1994
WO 02058556	A 01-08-2002	SE SE WO	519020 C2 0100227 A 02058556 A1	23-12-2002 27-07-2002 01-08-2002
EP 0469515	A 05-02-1992	JP JP DE DE EP	2894458 B2 5196621 A 69105395 D1 69105395 T2 0469515 A1	24-05-1999 06-08-1993 12-01-1995 29-06-1995 05-02-1992
US 2572314	A 23-10-1951	NONE		
US 6287265	B1 11-09-2001	NONE		
US 5097842	A 24-03-1992	NONE		
US 5078704	A 07-01-1992	AT DE WO EP JP	42471 T 3569674 D1 8601412 A1 0191851 A1 62500081 T	15-05-1989 01-06-1989 13-03-1986 27-08-1986 16-01-1987
US 5879318	A 09-03-1999	NONE		
US 5059168	A 22-10-1991	US	5298020 A	29-03-1994
US 6179819	B1 30-01-2001	NONE		
US 5915384	A 29-06-1999	US DE FR GB GB IT JP JP	5342328 A 4409842 A1 2702950 A1 2276568 A ,B 2302734 A ,B 1272958 B 3350207 B2 6324035 A	30-08-1994 27-10-1994 30-09-1994 05-10-1994 29-01-1997 01-07-1997 25-11-2002 25-11-1994